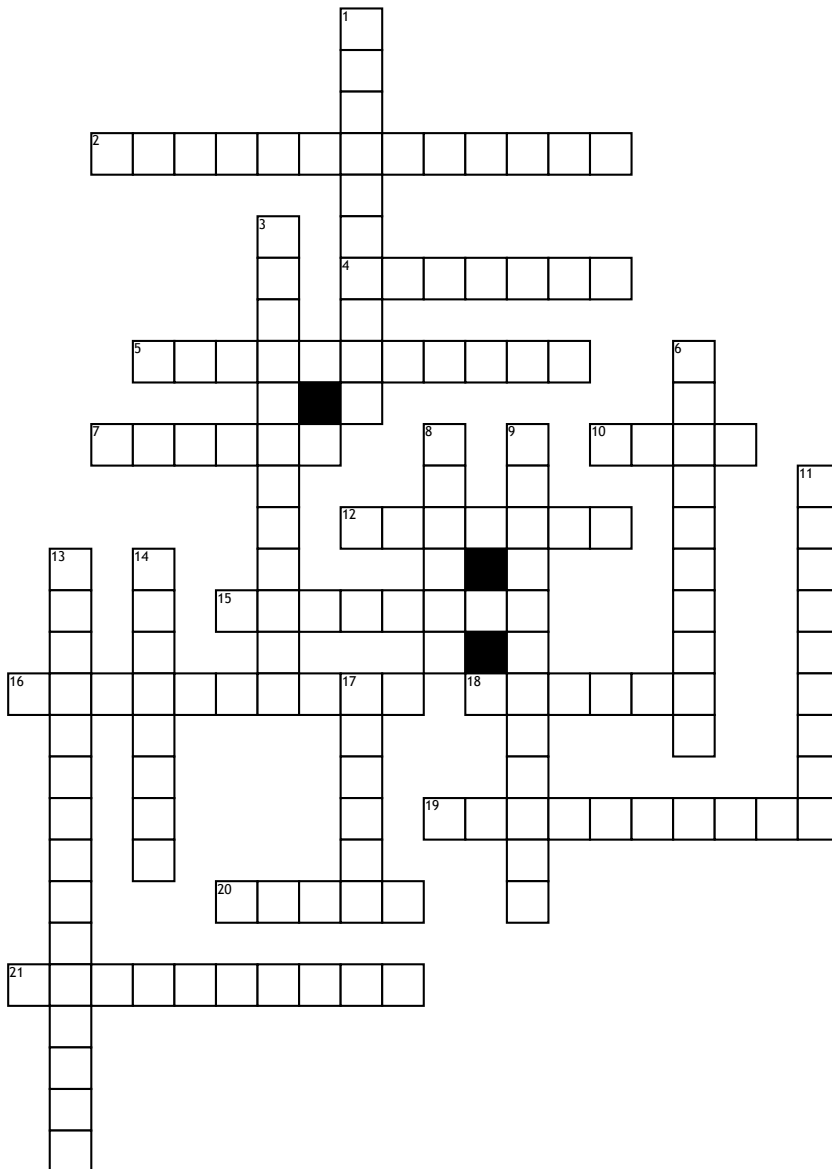


Name: _____

Date: _____

Electron microscopy crossword



Across

- 2. Name the most recently delineated virus family that is characterised by a herring-bone nucleocapsid
- 4. What sort of brush is used to manipulate sections in ultramicrotomy?
- 5. What is the name of stains used in light microscopy?
- 7. What shape are rabies virus virions?
- 10. What metal is used for labelling in immuno-EM?
- 12. London resin-embedded specimens can only be polymerised in what sort of capsule??

- 15. What sort of dye would you use to stain bacterial capsule for EM?
- 16. Name one of the secretory organelles characteristic of apicomplexan parasites
- 18. Grids used routinely in EM labs are made of?
- 19. Viruses infecting viruses are called?
- 20. A commonly used, non-toxic buffer
- 21. Vesicular lesions of the Herpesviridae are clinically similar to those caused by what virus family?

Down

- 1. What sort of stain is used in transmission electron microscopy? (5,5)

- 3. Many enveloped viruses form within what cellular system?
- 6. What solvent is used to make Formvar-coated grids?
- 8. What is used to dewax paraffin-embedded samples?
- 9. What organelle do microsporidia lack?
- 11. Viral glycoprotein spikes in enveloped viruses are called?
- 13. What is the most commonly used post-fixative? (6,7)
- 14. If water is frozen so fast it cannot crystallise, it is known as ----- ice
- 17. What is the cryogen most commonly used for biological EM?